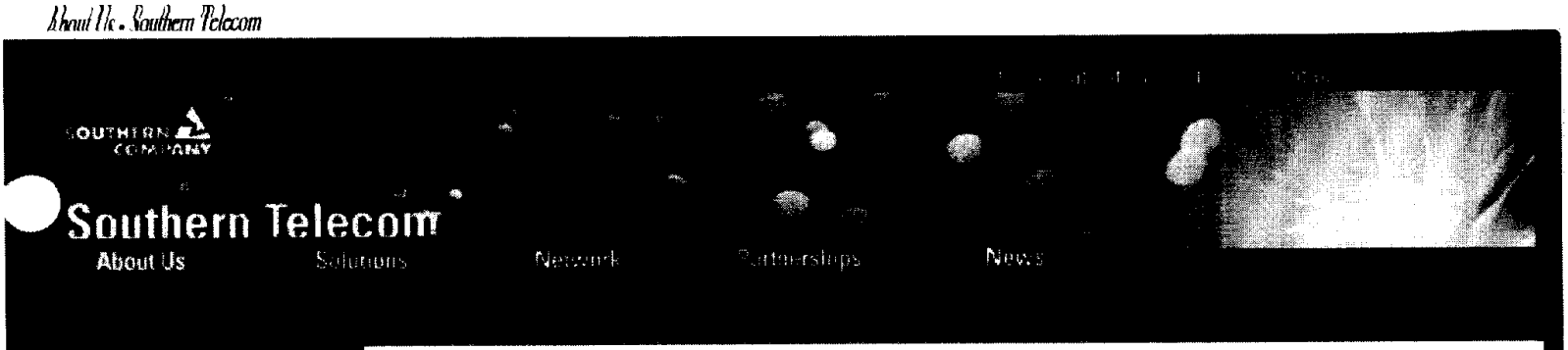
Southern Telecom



about us

Southern Telecom

Southern Telecom is the telecommunications subsidiary of Southern Company (NYSE: SO). Founded in 1997 and headquartered in Atlanta, Georgia, Southern Telecom offers an entrepreneurial spirit supported by one of the largest investor-owned utilities in North America.

Southern Telecom provides wholesale dark fiber optic solutions to the business community. more

Based in Atlanta, Southern Company is the parent of five operating utilities as well as a rapidly growing competitive wholesale generation business.

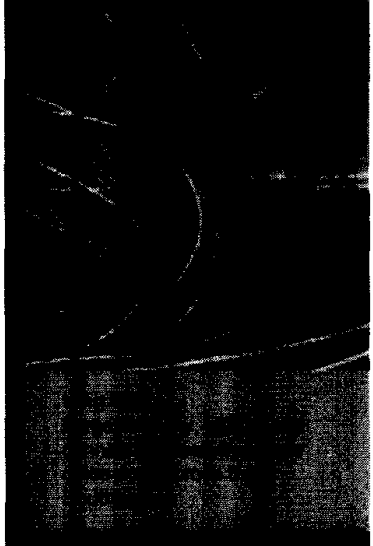
Wired or wireless?

Southern Telecom is the wireline fiber optic telecommunications subsidiary of Southern Company (NYSE: SO). Southern Company's wireless communications service offering business two-way radio, phone service, paging and Internet access in one handset

SOUTHERN COMPANY

Southern Telecom

About Us | Solutions | Network | Partnerships | News



solutions

Dark Fiber & Conduit

Bandwidth bottlenecks can slow data traffic, sometimes at the last mile. This is because most fiber optics networks do not extend all the way to the businesses in need of service. Southern Telecom provides metro dark fiber service laterals and backbone fiber that can deliver this last mile to ensure fast connections in the Southeast. Southern Telecom's solutions will eliminate bandwidth as an impediment to your growth without major capital expenditures or maintenance obligations.

Additionally, fast direct access to Southern Company assets and to transmission and distribution rights of way help speed development of new points of service throughout the Southeast. For instance, use of an idle steampipe network running under metropolitan Atlanta enabled Southern Telecom to lock in valuable real estate and accelerate the permitting and construction process to better serve key buildings.

Southern Telecom's fiber and conduit services support route diversity and access to numerous key colocation sites in Atlanta, Macon and Jacksonville with plans to add more cities in the Southeast.

You will receive the support of our network operations center (NOC) and field technicians for 24/7 site-monitoring and maintenance.

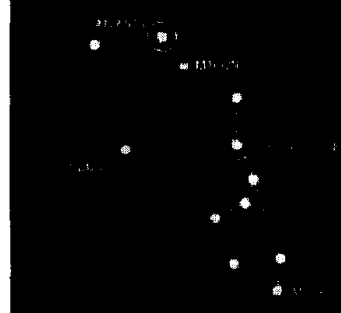
Dark fiber options:

- Monthly or pre-paid lease arrangements
- Point to point or ring configurations
- Enterprise building service laterals
- Full fiber cables or select number of strands
- High-quality fiber supporting DWDM (e.g., NZ-DSF for inter-city spans or SMF-28 metro fiber)
- Compliant with industry standards
- For inter-city routes, regenerator sites can be provisioned with racks for client electronics and cross-connects
- Industry-leading maintenance response time
- Private network construction services

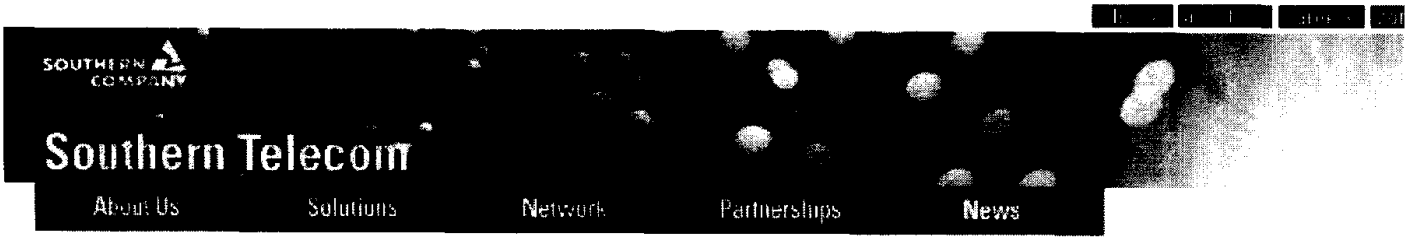
Additionally, our conduit offerings feature:

- Industry standard inner liners
- Fully proofed and tagged
- Sufficient manhole space for client needs (coiling, wiring, splicing)
- Coring for service laterals
- Backbone and service laterals

From long haul to last mile...



From long haul to last mile, see how our network fits your needs. (This animation uses Flash, a free plug-in that comes with most browsers. Get the player or view a static view of the network routes and metro without flash.)



news

Press Release

MARIETTA FIBERNET EXPANDS FOOTPRINT IN THE ATLANTA CENTRAL BUSINESS DISTRICT

ATLANTA (April 21, 2003) - Marietta FiberNet™, a wholly-owned subsidiary of the Marietta Board of Lights and Water, today announced it has expanded its operations and reach in the Atlanta Central Business District through the acquisition of fiber from Southern Telecom, a wholly-owned subsidiary of Southern Company that provides long-haul and metro dark fiber. The added fiber provides access to a number of strategic buildings where Marietta FiberNet™ has customers, allowing the company to deliver innovative telecommunication high bandwidth services to those customers.

Marietta FiberNet™ chose Southern Telecom as its fiber provider due to the company's direct connectivity to major carrier hotels and ability to provide continuous network connections to major office buildings in downtown Atlanta. The multiple routes and facility infrastructure created by the expanded footprint provide physical diversity and protection to Marietta FiberNet™'s customers, as the company expected.

"Marietta FiberNet™ is always looking for ways to enhance our offerings and expand our reach," said Gail Funderburk, Director of Sales and Marketing for Marietta FiberNet™. "Purchasing fiber from Southern Telecom enables us to provide expanded services to one of our major customers through direct access to the AT&T Super Node in downtown Atlanta. Additionally, the acquisition allows us to enhance our total service offerings to our existing and prospective customer base."

With the additional fiber connectivity, customers of Marietta FiberNet™ have improved options. Marietta FiberNet's customers benefit from direct access to one of the first service providers in the metro Atlanta region to offer optical Ethernet services - broadband applications at more affordable costs - allowing Marietta FiberNet™ clientele the ability to connect to networks in speeds of 10Megs to 1Gigabit. In addition, Marietta FiberNet™'s move to a Tier 2 Internet service provider allows multiple Internet connectivity and dedicated access to its customer base.

"We are certainly excited to have Marietta FiberNet™ as a customer of Southern Telecom," said Ben Easterling, business development manager for Southern Telecom. "We were able to meet Marietta FiberNet™'s needs for connectivity, on-time delivery and price. This is a business relationship that will flourish over time as we continue to expand our 14 mile Atlanta network and Marietta FiberNet's customer base grows."

Media Assistance

Members of the press are to contact:

Marisa Puthoff
Edelman
(404) 262-3000
marisa.puthoff@edelman.c

For general inquiries, plea contact:

(678) 443-4120

About Marietta FiberNet™
Marietta FiberNet™ is a locally owned, full-service telecommunications company providing business communications solutions with a personalized level of service. The firm is a wholly owned subsidiary of the Marietta Board of Lights and Water, the municipal operating company that supplies utilities to the city of Marietta, Georgia and surrounding areas. For fiscal year 2002, Marietta FiberNet™ increased revenues significantly over FY 2001 and achieved EBITDA positive results, in spite of a softening economy and a troubled telecommunications industry. Marietta FiberNet™'s organizational structure facilitates quick adoption and deployment of cutting edge technology.

With over 450 miles of fiber covering metro-Atlanta, Marietta FiberNet™'s reach encompasses many major business areas. The firm has a presence in several large data centers, such as Sungard, AT&T Enhanced Network Services and IBM. There are also fiber connections in several telecom hotels including 55 Marietta St, 56 Marietta St, and 250 Williams St., as well as co-locations in several Bell South central offices and in the AT&T central offices in Cobb County and Atlanta. Interconnection agreements allow Marietta FiberNet™ to provide a network that covers the East Coast of the US from Virginia to Florida.

Marietta FiberNet™'s fiber optic network is among the most sophisticated and reliable of its kind in the communications marketplace. Clearly speaking, Marietta FiberNet™ offers the same quality of telecommunications services as larger firms, but with a constant emphasis on providing the best possible customer service to clients, at a more competitive price. For information about Marietta FiberNet™ please call 770-794-5190 or visit www.mfn.net.

About Southern Telecom®
Southern Telecom® is a wholly owned subsidiary of Southern Company that provides long-haul and metropolitan dark fiber connecting Atlanta with other smaller cities throughout the Southeast. The company also provides network elements such as rights of way, dark fiber, conduit, colocation and other related maintenance services. Southern Telecom is certified in Alabama, Florida, Georgia and also at the federal level. For more information about Southern Telecom, please call (678) 443-4120 or visit www.southern-telecom.com.

About Southern Company
With nearly four million customers and more than 34,000 megawatts of generating capacity, Atlanta-based Southern Company (NYSE: SO) is the premier super-regional energy company in the Southeast and a leading U.S. producer of electricity. Southern Company owns five electric utilities, a fast-growing competitive generation company and an energy services business, as well as fiber optics and wireless communications. Southern Company brands are known for excellent customer service, high reliability and retail electric prices that are 15 percent below the national average. Southern Company has more than 500,000 shareholders, making its common stock one of the most widely held in the United States. Visit the Southern Company Web site at www.southerncompany.com.

TelCove

TelCove

Private Local SONET Ring

Product Description

TelCove's Private Local SONET Ring (PLSR) is a high-capacity network that enables business customers, including inter-exchange carriers (IXCs), to connect multiple locations in TelCove markets via a self-healing, dedicated fiber optic infrastructure for the transmission of their voice and data communications.

PLSR consists of three primary elements or components:

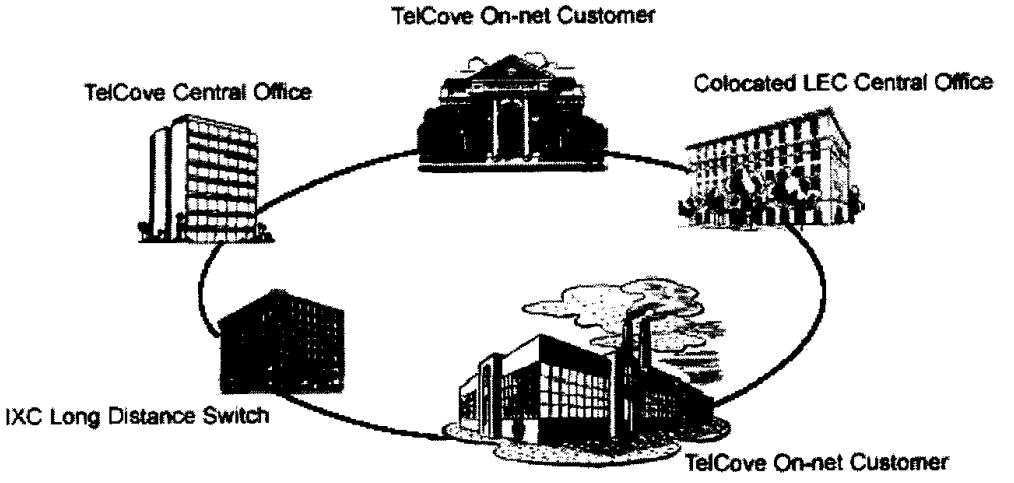
1. Network Capacity (NC) – Defines the total bandwidth required and dedicated to the TelCove end-user customer (e.g. OC-3 at 155.52 Mbps, OC-12 at 622.08 Mbps, and OC-48 at 2.488 Gbps)

2. Network Elements (NE) – Defines the actual number of nodes the customer requires on the ring, in addition to the TelCove Central Office node used for maintenance and monitoring

3. Service Channels (SC) – Defines the amount of bandwidth or channels the customer requires from each of the network elements throughout the ring

The types of channels include:

- DS-1
- DS-3
- OC-3 (only available on OC-12 and OC-48 rings)
- OC-12 (only available on OC-48 rings)



+ Premium Pro
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- Data Servic
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- Private L Ring
- Intercity I
- Frame Re
- ATM
- Ethernet
- Voice Servi
- User Guide
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- On-line Tari
- Carrier Serv
- Internationa

Applications

PLSR is well positioned for those applications requiring the benefits of non-shared, secure multi-point voice and data facilities including:

- Legacy operations environments
- Disaster recovery services
- Video applications
- Distributed computing
- High-capacity offsite storage
- Manufacturing
- Banking and security

Advantages

The cost of network outages can be astronomical to a business. Weather-related incidents, traffic accidents, and vandalism can cut a traditional network connection and interrupt business communications. Like all of TelCove's Local Private Line services, PLSR is monitored and maintained around the clock from our Network Operations Control Center (NOCC). Deployed over the TelCove local SONET ring, PLSR combines guaranteed bandwidth with self-healing, fiber optic ring technology to keep data, voice, and video flowing reliably and securely. Furthermore, since fiber optics are virtually impossible to tap, a dedicated network provides a private connection that prevents intruders from accessing information.

Conclusion

PLSR enables customers to focus on business issues and the information flowing between multiple locations, not the network that carries it. With PLSR, TelCove takes care of the network for its customers.

PLSR delivers:

- Guaranteed bandwidth - the capacity when you want it
- Network availability - self-healing and restores quickly to ensure maximum network availability
- Network security - virtually impossible to tap, and with a dedicated network intruders are unable to access business information

PLSR is not just a product or a technology, it's a service. The TelCove local customer care team will set up PLSR based on the requirements of the business, modify service to accommodate growth, and inform the customer of enhancements and other options. In short, TelCove will provide the kind of customer care you should expect from your communications provider.

Time Warner Telecom

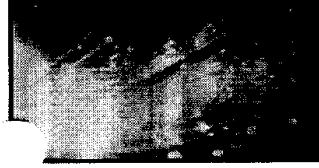
TIME WARNER TELECOM

[illegible]ER. DRIVING YOUR NETWORK

Switched & Transport Services

Solutions

- Internet & Data
- Switched & Transport
  - Business Switched Services
  - **Dedicated High Capacity Services**
  - Digital Trunks
  - ISDN PRI
  - Line Features
  - Long Distance Services
  - Regional Networks
  - Voice Messaging
  - Voice Services: Multi-Location Solutions
- Packaged Solutions
- Joint Marketing Solutions
- By Industry
- Special Offers
- Request Sales Call



TIME WARNER TELECOM

DRIVING YOUR NETWORK

CUSTOMERS

Customers

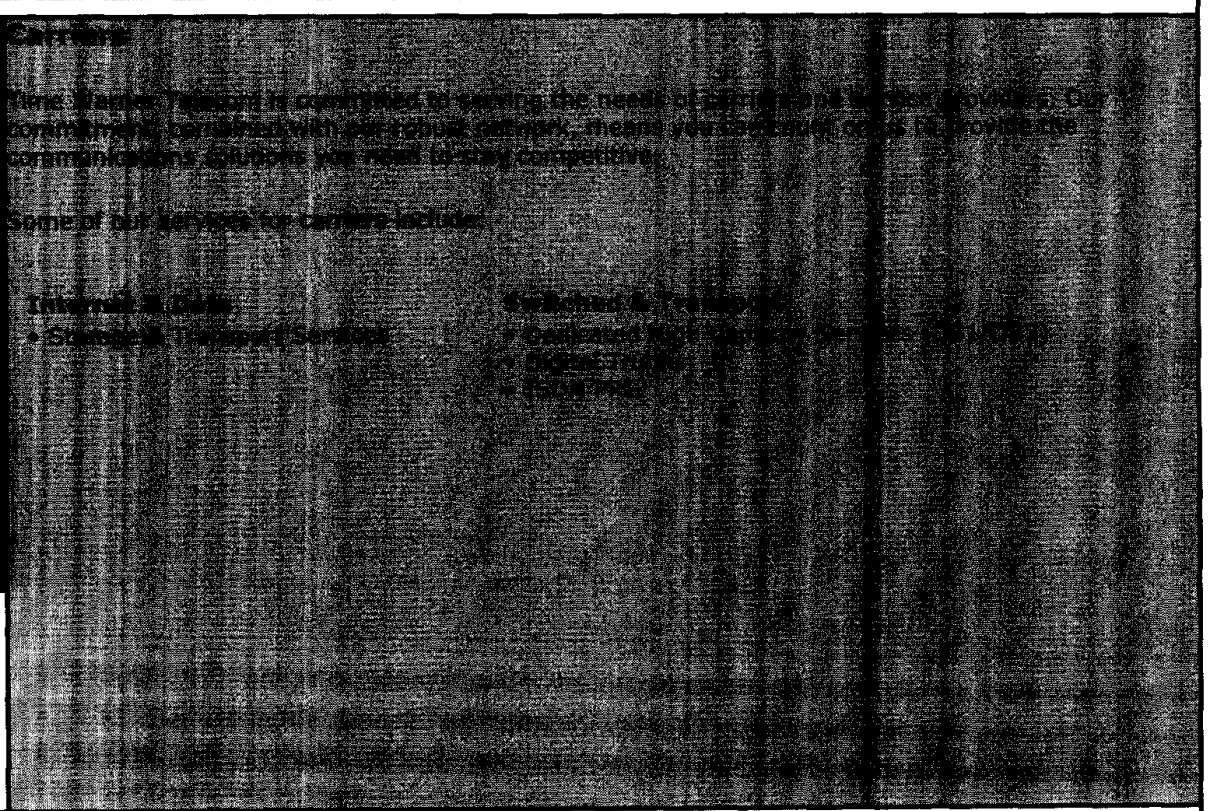
Customer Center

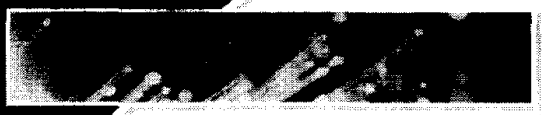
Enterprise

Carrier

By Industry

Request Sales Call





DEDICATED HIGH CAPACITY SERVICES

Time Warner Telecom's Dedicated High Capacity Services offer a complete range of transmission speeds from 1.5 Mbps to 10 Gbps. Our Dedicated High Capacity Services are flexible and can be used for voice, data, image and video transmission.

We have built modern and powerful communications networks to provide business customers with the bandwidth, reliability, security and quality of service that their business demands.

Time Warner Telecom's networks are built with advanced fiber optic technology, including state-of-the-art SONET and DWDM (Dense Wave Division Multiplexing).

We monitor our networks around the clock to ensure the highest quality transmission performance available anywhere.

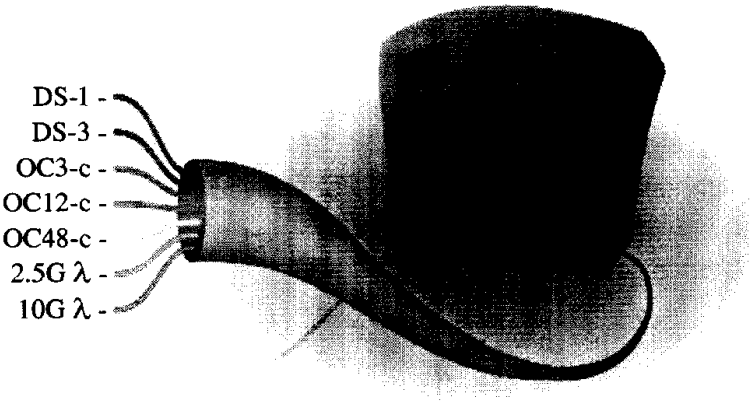
Businesses of all sizes, with varied needs, can choose from standard Time Warner Telecom Dedicated High Capacity Services. Our local team of experts will design specific solutions tailored for your unique needs.

PRODUCTS & SERVICES:

DS-1 SERVICE – Dedicated high-capacity, full-duplex channel with 1.544 Mbps of isochronous serial data line speed, line code of AMI (Alternate Mark Inversion) or B8ZS (Binary 8 Zeros Substitution) and either Superframe (D4) or Extended Superframe formats. DS-1 service has equivalent capacity of 24 voice grade or DS-0 services. Applications: voice, data, image or video when there is a need for cost effective, bulk communications between two locations.

DS-3 SERVICE – Dedicated high-capacity, full duplex channel with 44.736 Mbps line speed of isochronous serial data, line code of B3ZS. DS-3 service has equivalent capacity of 28 DS-1 services at 1.544 Mbps, or 672 voice grade or DS-0 services at 56/64 Kbps. Applications: high volume voice, data, image or video, eliminating the need to maintain and pay for multiple dedicated lines. DS-3 service is often used in hubbed networks as well as in point-to-point network backbone situations.

BROADCAST VIDEO TV-1 SERVICE – Provides dedicated transport of broadcast quality video signals meeting NTSC analog interface standard RS250B. Available on a limited basis.



SONET SERVICES:

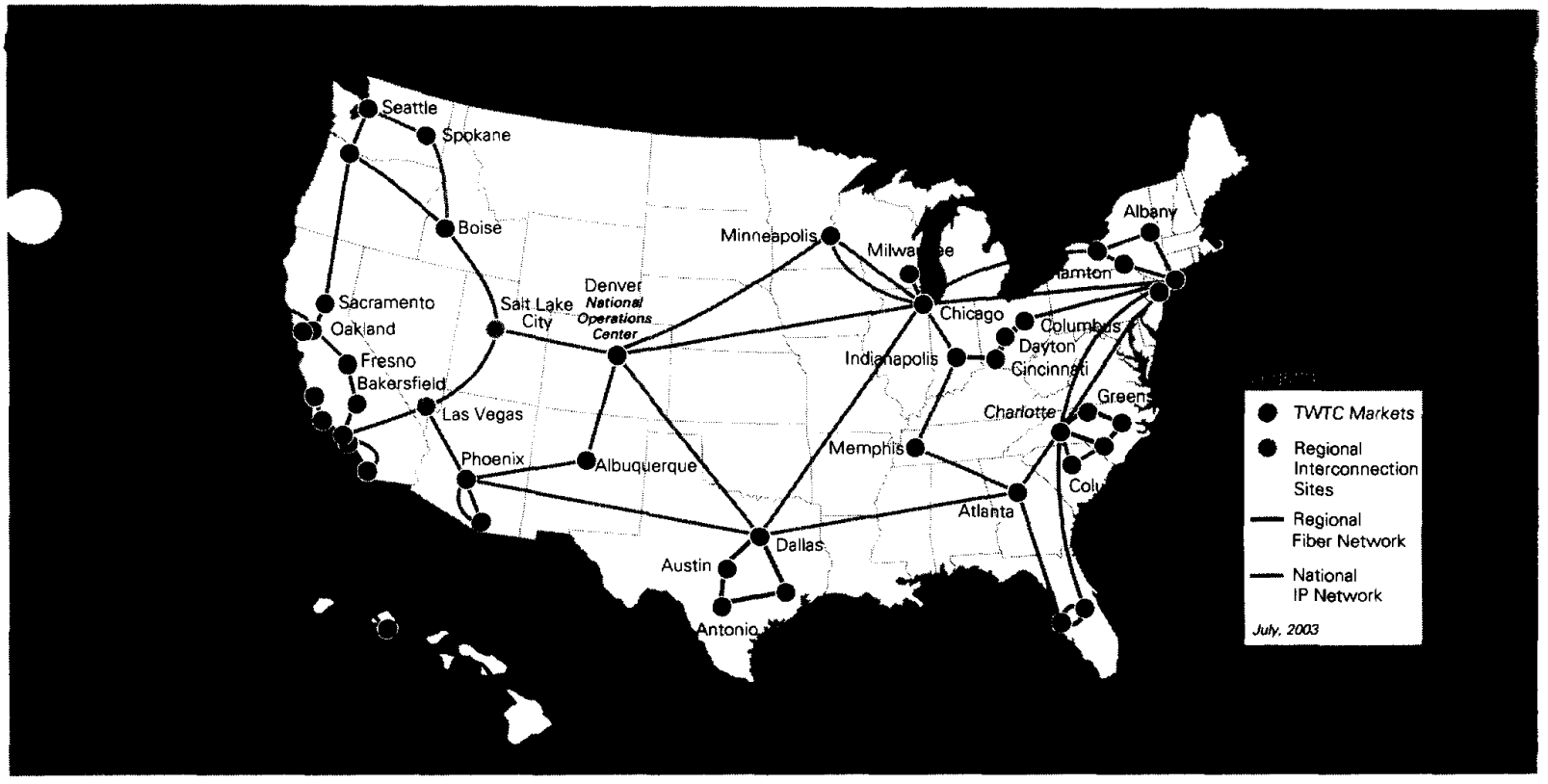
Our SONET networks automatically re-route traffic on a protected path in Sub-50 milliseconds if the transmission quality becomes degraded, a cable is cut, or a network node experiences failure. All services have carrier class network availability with Bit Error Rates = <1X10-9.

SONET OC-N SERVICES – Point-to-point, high-capacity channels for full-duplex, synchronous optical transmission of digital data on SONET standard rates between

POWER

TIME WARNER TELECOM

THE POWER DRIVING YOUR NETWORK



155.52 Mbps (OC-3) and 2.488 Gbps (OC-48). OC-n services may be configured with up to 48 STS-1s in any combination of synchronous OC-3c, OC-12c and asynchronous DS-3 and DS-1 (VT1.5) payload mapping.[1]

STS-1 SERVICE – High-capacity channel for full-duplex, synchronous, optical transmission of digital data on SONET standards. Electrical interface rate of 51.84 Mbps. Service can be configured with either asynchronous DS-3 or DS-1 mapping. Applications: high volume voice, data, image or video, eliminating the need to maintain and pay for multiple dedicated lines.

PRIVATE NETWORK TRANSPORT SERVICE – Private, dedicated high-capacity, premium quality services. Fully redundant, dedicated, diverse SONET ring is always available. Individual circuits between nodes on dedicated ring are available. Designed to deliver DS-1, DS-3, STS-1, OC-3, OC-3c, OC-12, OC-12c, OC-48 and OC-48c services between multiple locations or as a combination of end user and IXC POPs. Available in system/ring capacities of OC-3, OC-12, and OC-48. Customers can connect Time Warner Telecom Dedicated High Capacity Services to the PNT network node.

DWDM SERVICES:
For customers needing 2.5 Gigabits per second to over 1 Terabit per second, we offer point-to-point, high-capacity channels for optical transmission of digital data. Standard capacities are 2.5 Gbps or 10 Gbps on each channel (wavelength).Time Warner Telecom's DWDM can be configured as protected or non-protected.

Except where noted, all services are available in all Time Warner Telecom cities.

1 c, as in OC-3c, is the SONET notation for concatenated service.

ABOUT TIME WARNER TELECOM
Time Warner Telecom is the leading provider of metro-area broadband optical networks and services to businesses. We deliver "last-mile" broadband data, voice, Dedicated Internet Access, and Dedicated Web Hosting in 44 major U.S. markets. Our strong financial position allows us to deliver powerful networks, robust products, and superior customer care to meet your needs. We're the power driving your network.

WWW.TWTELECOM.COM
For complete information about Time Warner Telecom products and services, call your local account executive or visit our website: www.twtelecom.com. Time Warner Telecom, 10475 Park Meadows Drive, Suite 400, Littleton, CO 80124

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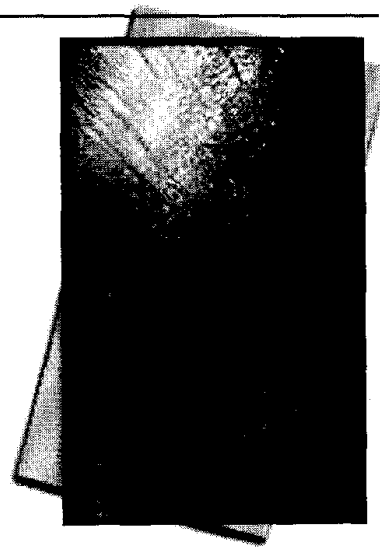
Utilicom Networks

Services



Services for your Business

Utilicom's subsidiaries are leading facilities based providers of bundled Broadband services for businesses. These services are delivered over the most advanced fiber based telecommunications network available. Physically diverse fiber optic routing creates a self-healing or "Smart" network for the highest availability of services to any type or size business.

Acquire the Advantage

- **One Source for all your Business Communications Services:**
- **Voice, Video and Data**
- **One Locally Owned and Operated Network**
- **One local contact for all customer service needs**
- **One Bill**
- **Unlimited Bandwidth**
- **Unparalleled Reliability**

Products for your business include:

Local and Long Distance Telephone Service Packages
Our advanced network means business telephone service that you can rely on, with packages tailored to meet your needs.

- **Full Outbound and Inbound calling services**
- **Advanced 800 Toll Free service routing**
- **PRI and Switched T-1 for PBX and Voice IP servers**
- **Prepackaged Centrex lines and features**
- **Multi-line Business Exchange**

services
- **Project and Account codes**
- **Bulk Rate Long Distance**
- **Voice Mail**
- **Call overflow routing**

Data Services

Our fiber-optic networks are built for high capacity demands of the Internet. Guaranteed Connection Rate with scaleable bandwidth options from 128Kbps to 10/100MBPS

- **Format's supported include: DS0, T1, DS3, 10/100BT, 1GE, 10GE, OC-n or STS**
- **Reliable Ethernet Transport to the Net or between facilities**
- **World Class ISP Platform with diverse and redundant connections to the worlds largest Internet backbone provider**
- **Secure Hosting and Mail Services**
- **Local and Nationwide Dedicated Transport Services**

Video Services

Over 200 channels of analog and digital television and digital audio are available for our business customers. These include many popular business channels such as CNBC, Bloomberg, CNN and others.

- **45 channels of commercial free Digital Audio**
- **Popular business and sports programming**
- **Ability to advertise over the SIGECOM Network**

Wholesale Access

Our network serves as the last mile connection and provides network connectivity for other telephone companies, and ISP's, and other service providers.

- **Carrier Access: Switched and Dedicated**
- **Dedicated DS1 and DSS Access**
- **Collocation**

Customer Service

Superior local customer care 24hrs a day, 365 days a year, from highly qualified support representatives. Our customer care is designed to:

- **Offer our customers fast, individualized support for their business solutions**
- **Network monitoring 24 hours a day, 365 days a year**
- **Maintains maximum efficiency of our network and customer uptime**

Utilicom Networks
10 Milk Street Suite 610
Boston, MA 02108-4600
Phone: 617.357.4500
Fax: 617.423.4024

XO Communications

Home

About XO

XO Network

Network Maps

Network Diagnostic Tools

Network Details

Looking for a product?
Try the A-Z Product Index

XO™ Network

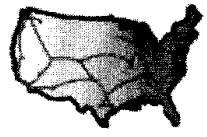
Overview

XO™ has a wealth of network assets that ensure we can handle your current needs and that we're well positioned for the convergence of voice and data IP services. XO has an OC-192 IP backbone with OC-12 uplinks in our markets and data centers; that means we have one of the highest capacity and scalable IP backbones in the industry, along with the highest levels of performance and reliability. A suite of world-class tools that facilitate the communication of customer information and continuous network monitoring set the XO network apart from its rivals.

Benefits

- **High capacity OC-192 IP backbone** provides speed, capacity and flexibility today while allowing XO to offer services that take advantage of future IP technological evolutions
- **Peering infrastructure to the Internet** with more than 100 private and public peering relationships, XO provides direct paths to all other major Network Service Providers so that your Internet traffic travels with peak speed

More Information



Network Maps

Network Diagnostic Tools

XO Network At A Glance

View complete network details

OC-192 backbone

2300+ on-network buildings

Five data centers and a 24x7 network operations center

300-plus DSL access points

Access to more than 100+ peering partners offering direct access to 85% of Internet traffic

Total fiber: approximately 1,158,000 miles

34 Nortel DMS-500 switches for local and long distance voice

Sonus Networks softswitches for handling next-generation traffic

Fixed wireless licenses covering 95% of the top U.S. business markets

View complete network details

Contact XO

Sales
Call toll-free
1.866.963.9696
Contact us online

Support
Call toll-free
1.888.575.6398
Contact us online
Manage your account or

What's Hot

- America's Networl Names XO™ Bes Internet Access Provider
- Boardwatch Rank XO™ Second in Backbone Performance
- XO Provides Broadband Servic Using Upgraded Nationwide OC-19 Backbone Networ

- **Dedicated Internet Access and DSL access POPs** in the local markets The extensive XO footprint ensures controlled connectivity costs

---

See Also:

- Network Diagnostic Tools
  Examine connectivity, path, and route information in XO Data Network
- XO Factsheet
- XO Product Portfolio

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Home

Products and Programs

Private Data Networking

VPN

Ethernet Services

Private Line

MultiTransport Networking Service

XO Network

Looking for a product?
Try the A-Z Product Index

XO™ Private Line

Overview

XO™ Private Line Services give you high-speed, dedicated point-to-point connections so you can securely transfer data between locations. Unlike public services such as frame relay and ATM, Private Line Services are designed to send extremely time-sensitive and private communications. With Private Line, you get:

- 100% network availability with capacities from DS-1 to OC-x
- State-of-the art, self-healing fiber system for network recovery within milliseconds
- An extensive intercity and metropolitan network

With top speeds and reliability, Private Line Services handle mission critical applications like bulk data transfer, disaster recovery, distance learning, engineering and video conferencing with ease.

Features

- High-capacity bandwidth from DS-1 (1.5 Mbps) to DS-3 (45 Mbps) to OC-x
- 100% network availability
- SONET architecture
- Self-healing fiber system
- Proactive 24x7 network management and monitoring
- Customized circuits between locations
- Consolidated voice and data bill
- Flexible terms from 12 to 36 months

Pricing and Availability

For pricing and availability, please contact the XO sales office nearest you, **1.866.963.9696**.

See Also

- Learn More About the XO™ OC-192 Network
- XO™ Security Solutions

Contact XO

Sales

Call toll-free 1.866.963.9

Contact us online

Support

Call toll-free 1.888.575.6

Contact us online

Manage your account or

Home

Carrier Services

Product Portfolio

Events

Markets

XO Network Map

XO™ Carrier Private Line

Overview

XO™ Carrier Private Line services provide high-speed, dedicated point-to-point connectivity for voice, data and video applications. Typically consisting of non-switched communications circuits and the required equipment to connect two or more locations, Carrier Private Line has long-haul and local circuits available in a variety of configurations. XO Carrier Private Line:

- Lets you select from IntraLATA, InterLATA and Interstate lines available in point-to-point or multipoint configurations
- Achieves 100% network availability with capacities from DS-1 to OC-n
- Offers state-of-the art, self-healing fiber system for network recovery within milliseconds
- Uses our extensive intercity and metropolitan network that spans more than 400,000 route miles to 50 cities nationally

Features

- High-capacity bandwidth from DS-1 (1.5 Mbps) to DS-3 (45 Mbps) to OC-n
- 100% network availability
- SONET architecture
- Self-healing fiber system
- Proactive 24x7 network management and monitoring
- Customized circuits between locations
- Consolidated voice and data bill
- Flexible terms from 12 to 36 months

Pricing and Availability

Pricing and availability for XO Carrier Private Line Services varies. For more information, please contact us online or call XO Carrier Services toll-free today at **1.800.474.1763**.

See Also

- Learn more about the XO™ Network
- XO™ Wavelength Services
- XO Available Markets

Contact XO Carrier Services

Sales

Contact us online

Support

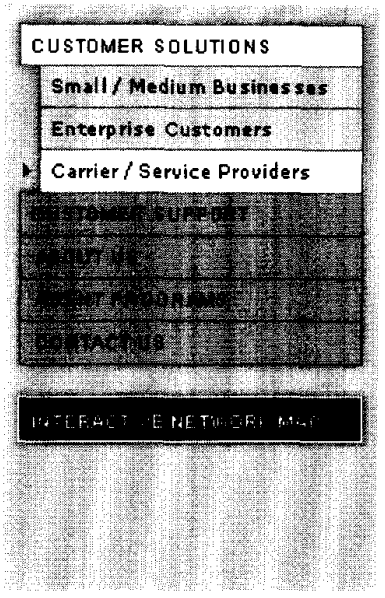
Call toll-free **1.888.575.6**

Contact us online

What's Hot

- Boardwatch Ran XO™ Second in Backbone Performance
- XO Provides Broadband Servi Using Upgraded Nationwide OC- IP Backbone Ne

Xspedius Communications



CUSTOMER SOLUTIONS

Carrier / Service Providers

Xspedius Communications offers superior products and services to carriers, service providers and enhanced-application providers in 36 markets nationwide.

Committed to the highest level of carrier customer satisfaction, Xspedius also employs a full-service account team of Carrier Account Managers, Technical Consultants and Service Managers.

Carriers need high-quality access delivered quickly and affordably, and Xspedius delivers. We help you manage your cost structure with 3,500 miles of metro fiber optic networks, 214 Bell LSOs, 684 End User Buildings, services ranging from DS-1 through OC-48, Ethernet, wavelength and collocation facilities.

For more information on product availability in specific markets, please contact your carrier account team at carrier@xspedius.com.

QUICK FACT

"Today's telecommunications environment requires solutions that are not only cost-effective but are also designed to adapt to the ever-changing landscape. Carriers and service providers need to be able to rely on a telecommunications partner that has the vision and experience to bring efficient, scalable systems to the workplace."

For product-specific information, please select:

Special Access – SONET Transport – *The ability to supply SONET-*level connectivity between your company's service provider and a customer location or between service providers, resulting in superior service quality and increased capacity.

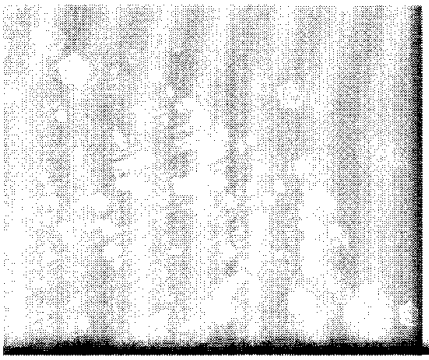
Wavelength – The alternative many businesses prefer for local access to their long distance carriers, Metro ConneX offers high capacity data transfer along with network management support bolstered by redundant equipment and power systems.

Ethernet – The dominant packet-based computer networking technology today for local area networks and beyond.

Data ConneX – Frame, ATM and Private Line – A comprehensive

catalogue of data connectivity services for dependable and cost effective bandwidth between company sites.

Colocation – An outsourcing solution if you want to avoid the cost of maintaining a colocation facility while providing a dedicated and secure location with superior network connectivity.



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XSPEDIUS Fiber Group Customer Solutions

About Xspedius Fiber Group - Customer Solutions

- Dark Fiber Markets
- Network Design Philosophy
- Network Footprint
- Plant Protection
- Customer Support
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Dark Fiber and Conduit Inventory

XFG provides dark fiber and inventory conduit in six core Tier I markets across the United States. Moreover, we have access to assets in over 30 additional Tier II and Tier III cities.

The value of each XFG network is enhanced by strategically connecting high telecommunications traffic areas and multiple service provider networks. Connectivity provides the ability for fiber customers to enter a market rapidly and to achieve a faster return on investment.

Markets

Tier I

- Atlanta, GA
- Dallas-Fort Worth, TX
- Houston, TX
- South Florida
- Tampa, FL
- Washington, DC

In certain circumstances, XFG may also be able to provide inventory offerings in the following markets:

Tier II and III

- Albuquerque, NM
- Amarillo, TX
- Austin, TX
- Baltimore, MD
- Baton Rouge, LA
- Birmingham, AL
- Chattanooga, TN
- Colorado Springs, CO
- Columbia, SC
- Columbus, GA
- Corpus Christi, TX
- El Paso, TX
- Greenville, SC
- Jackson, MS
- Jacksonville, FL
- Kansas City, MO
- Las Vegas, NV
- Lexington, KY
- Little Rock, AR
- Louisville, KY
- Mobile, AL
- Montgomery, AL
- New Orleans, LA
- San Antonio, TX
- Shreveport, LA
- Spartanburg, SC
- Tulsa, OK
- Tucson, AZ

Other Offerings

- Long Haul: Florida
- Long Haul: Texas

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Yipes Enterprise Services

FAQS
GLOSSARY
WHITE PAPERS
YIPES SPEED DEMO

Yipes' new architecture is the basis of a new communications model that converges data, voice and video over a common high-performance, optical-based networking infrastructure.

The needs of E-commerce, Internet-based businesses and multimedia streaming can only be met by optical IP networks, not legacy copper or cable infrastructure. The big engineering challenge, even for optical networks, is to meet customer requirements for guaranteed minimum bandwidth to ensure the proper performance of bandwidth-intensive applications such as streaming multimedia and latency-sensitive applications such as Voice-over-IP (VoIP).

Yipes' new architecture uses Ethernet to carry IP packets over optical fiber. This offers tremendous advantages over traditional wide area services in terms of cost, network simplicity, bandwidth scalability and provisioning time, without sacrificing reliability, quality of service or other essential network characteristics.

Yipes brings "optical IP dial tone" to customers through a direct fiber link between their premises and Yipes' regional fiber rings. Yipes delivers service through an RJ-45 Ethernet port, permitting Internet connectivity, point-to-point connectivity, multipoint-to-multipoint connectivity, and even VoIP services at finely granular and easily scalable bandwidths ranging from 1 Mbps to 1 Gbps.

The use of non-blocking gigabit devices throughout the network ensures regional latency of a few milliseconds or less, suitable for the most demanding delay-sensitive traffic. And the use of redundant fiber rings ensures network reliability and availability.

The architecture connects regional areas across the nation, and potentially across the world, by routing IP traffic at multiple peering points, through multiple interexchange carriers who adhere to strict Service Level Agreements (SLAs).

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ATTACHMENT K

Examples of Non-UNE Competitors That Did Not Submit Comments

Fiber Providers
AboveNet
American Fiber Systems
City Signal
FiberNet
Fibertech Networks
Level 3
Looking Glass Networks
NeesCom
Northeast Optic Network (NEON)
OnFiber

Cable Companies
Bright House Networks
Cablevision
Charter
Cox
Cox Business Services
Comcast
Comcast Business Communications
Insight
Knology Broadband
Lightpath
Time Warner Cable

Voice-over-IP Providers
Packet8
Pulver.com/Free World Dialup
Skype
VoicePulse
Vonage